

## DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

### **ACADEMIC YEAR 2024-2025 ODD SEMESTER**



CD23332

LAB MANUAL

SECOND YEAR

THIRD SEMESTER

2024-2025

**ODD SEMESTER** 

		List of Experiments					
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector						
2	2 Design to help people to sell their handmade products in metro cities						
3	Design a social	media website and chat					
4	Design a public	cation that support different languages					
5	Design a public	cation that tells comic stories					
6	Design an adve	rtisement for mobile company					
7	Design an advertisement for any political party with images						
8	Design an advertisement for electronic products						
9	Design an advertisement for food products						
10 Design an inter		active website for new institution					
Design a blog t		hat publish educational post					
12 Design an inte		eractive website for hospital management system					
Design an interactive website for food selling app		eractive website for food selling app					
Requirements							
Hardware		Intel i3 or AMD processor with 64-bit support;2 GHz or faster processor with SSE 4. or later- 8 GB RAM -Windows 10 64-it (version 1909)or later - 1.5 GB of GPU memory -4 GB of available hard-disk space					
Softwa	are	Figma, Adobe Photoshop, HTML and CSS					
Operating System		Windows					

### LAB PLAN

## CD23332-DESIGN PROCESSES AND PERSPECTIVES LAB

Exercise no.	Exercise Name	Required Hours
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector	3
2	Design to help people to sell their handmade products in metro cities	6
3	Design a social media website and chat	3
4	Design a publication that support different languages	3
5	Design a publication that tells comic stories	3
6	Design an advertisement for mobile company	3
7	Design an advertisement for any political party with images	9
8	Design an advertisement for electronic products	6
9	Design an advertisement for food products	6
10	Design an interactive website for new institution	6
11	Design a blog that publish educational post	6
12	Design an interactive website for hospital management system.	3
13	Design an interactive website for food selling app.	3

### **Course Outcomes (COs)**

**Course Name: Design Processes and Perspectives** 

Outcome 1	Understand the various graphic design thinking process and phases
Outcome 2	Analyze and choose between various visual components
Outcome 3	Designing and communicating visual components
Outcome 4	Apply design concepts for media publishing and advertising
Outcome 5	Create website using different design concepts

## CO-PO -PSO matricesofcourse

**Course Code: CD19341** 

PO/PSO															
СО	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CD19341.1	3	1	3	2	3	2	3	2	1	1	1	3	1	3	1
CD19341.2	3	-	3	-	3	-	-	-	-	-	1	1	1	3	1
CD19341.3	3	3	3	2	3	-	-	-	-	-	-	1	1	3	2
CD19341.4	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
CD19341.5	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
Average	2.2	2.0	3.0	2.0	3.0	1.6	1.4	1.0	1.0	1.0	1.2	1.8	1.0	3.0	2.0

Note: Enter correlation levels 1,2 or 3 as defined below:

1: Slight(Low) 2: Moderate(Medium) 3: Substantial(High) If there is no correlation, put "-"

Expt. No.:1
Date:
Design to teach mathematics to the children of 4-5 years age in school in <b>Rural sector</b>
<b>Aim:</b> To design a user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.
Tools: Figma, Photoshop
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.
Output:
Result:

Expt. No.:2
Date:
Design to help people to sell their handmade products in metro cities
AIM: To Design an UI that can help people to sell their handmade products in metro cities  Tools: Figma, Photoshop
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.
Output:
Result:

Expt. No.:3
Date:
Design a social media website and chat
<b>Aim:</b> To design a user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.
Tools: Figma, Photoshop
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Buttons and attractive fonts have been used
5. Proper navigation should be done to move from one page to another
6. Login page has to be included
Output:
Result:

Expt. No.:4
Date:
Design a publication that support different languages
Aim: To design a publication that support different language
Tools: Adobe Photoshop
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.
Output:
Result:

Expt. No.:5
Date:
Design a publication that tells comic stories $\underline{s}$
Aim: To design a Publication That Tells Comic Stories
Tools: Adobe Photoshop
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used.
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.
Onton
Output:
Result:

Expt. No.:6
Date:
Design an advertisement for mobile company
Aim: To design an advertisement for mobile company
Tools: Adobe Photoshop, Canva
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.
Output:
Result:

Expt. No.:7
Date:
Design an advertisement for any political party with images
Aim: To design an advertisement for any political party with images
Tools: Adobe Photoshop, Canva.
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.
Output:
Result:

Expt. No.:8
Date:
Design an advertisement for electronic products
Aim: To design an advertisement for electronic products
Tools: Adobe Photoshop, Canva
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.
Output:
Result:

Expt. No.:9
Date:
Design an advertisement for food products
Aim: To design an advertisement for food products
Tools: Adobe Photoshop, Canva
Steps:
1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.
Output:
Result:

Expt. No.:10
Date:
Design an interactive website for new institution
Aim: To design interactive website for new institution
Tools: HTML, CSS Steps:
1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.
Output:
Result:

Expt. No.:11
Date:
Design A Blog That Publish Educational Post
Aim: To design a blog that publishes educational post
Tools: HTML, CSS
Steps:
1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.
Output:
Result:

Expt. No.:12
Date:
Design An Interactive Website For Hospital Management  System
Aim: To design interactive website for hospital management system
Tools: HTML, CSS
Steps:
1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.
Output:
Result:

Expt. No.:13
Date:
Design An Interactive Website For Food Selling App
Aim: To design a interactive website for food selling app
Tools: HTML, CSS
Steps:
1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.
Output:
Result

## Experiment 1

Design to teach mathematics to the children of 4-5 years age in school in rural sector



# Design to help people to sell their handmade products in metro cities



# Design a social media website and chat



Design a publication that support different languages



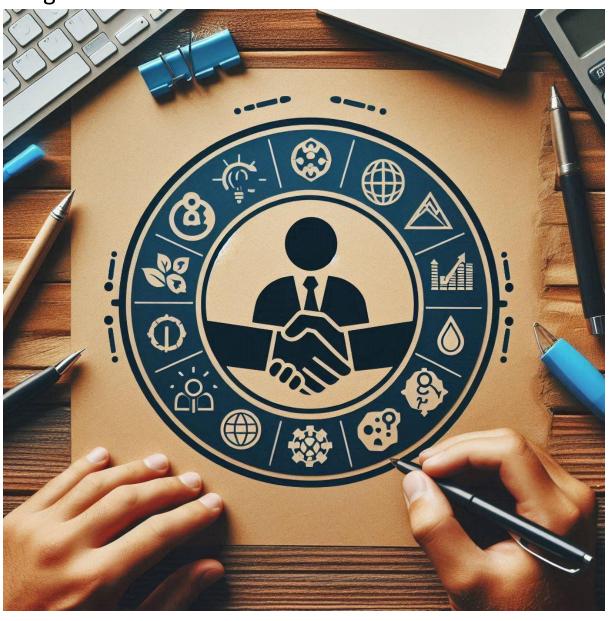
# Design a publication that tells comic stories



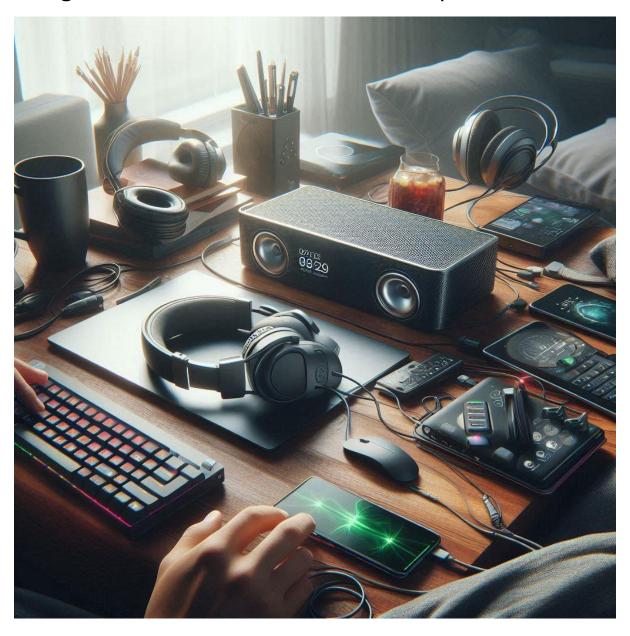
Design an advertisement for mobile company



Design an advertisement for any political party with images



# Design an advertisement for electronic products



# Design an advertisement for food products



# Design an advertisement for food products



# Design a blog that publish educational post



Design an interactive website for hospital management system.



Design an interactive website for food selling app.

